Bruhat Bengaluru Mahanagara Palike

EIRL - STATEMENT

BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

FORM OF EXTRA ITEM RATE LIST IN FORM NO. P.W.G.71.

Name of Work :- Modified Estimate for Constuction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanaka Satellite town sub division

Estimated Cost RS:-40.00 Lakh,s

Agency:-SRI.KISHORE KUMAR M (V K INFRASTRUCTURE) No 520,1st Main Road Chikka Bommasandra,GKVK Post,Yelahanka New Town,Bangalore-560064.

Approved Tender Amount RS:- 2387631.00 (Excluding GST 18%)

Work Order No:-EE/YNK.D/E-PMT-12/W.0/122/2022-23. Dated:17.02.2023

Tender Premium:- (-3.51%) Below

Modified Sl.No	EIRL Sl. No	Description of work	Unit	Qty	Rate	Amount	Whether the items are alternative to the item in the tender, whether these are additional items or sometimes in Accepted tender	Whether the extra items are included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether the cost of the item is included in the CSR, if not a Data Rate has to be derived	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
49	E-1	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.(PWD SR 2021-22 Vol -II Pg 65 item no 9.39)	Sqm	27.09	1111.67	30115.09	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition

50	E-2	Providing and fixing fiber glass reinforced plastic(FRP) Door frames of cross-section 90mm x 45mm having single rebate of 32mm x 15mm to receive shutter of 30mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyrster resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frames shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame (PWD SR 2021-22 Vol -2 CORRIGENDA,item No. 12.98)	Mtr	39.90	669.74	26722.51	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
51	E-3	Providing and fixing to existing door frames. 30mm thick glass fiber reinforced plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made ith fire-retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5mm thick FRP laminate for panels conforming to IS:14856, including fixing to frames(PWD SR 2021-22 Vol -2 CORRIGENDA,item No. 12.99.1)	Sqm	11.03	3316.84	36568.20	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
58	E-4	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work.. (PWD SR 2021-22 Vol -I Pg 34 item no 1.16.3)	Cum	25.52	430.92	10996.97	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
62	E-5	First Floor	Sqm	0.23	5220.66	1174.65	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
63	E-6	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @0.75 ltr/10 m² of approved brand and manufacture to give an even shade including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, sand papering and knotting , cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(PWD SR 2021-22 Vol -II Pg 46 item no 8.33.2)	Sqm	95.76	111.45	10672.06	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition

76	E-7	Open conduit System: Supplying heavy gauge PVC conduit pipe .....dia confirming to IS 2509 with suitable size bends, plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using WF screws.a) 19/20mm dia 2mm thick (PWD Electrical SR 2021-22 Chapter 1 PgNo 1.Item No 1.1.1)	Mtr	180.00	65.61	11810.38	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
77	E-8	Supplying and flush mounting teak wooden box without front plank, made of not less than 15mm thick wood, after due groove cutting, necessary masonry patch work complete. d)8''x6''x3''(203x152x76mm) (PWD Electrical SR 2021-22 Chapter 1 PgNo 2.Item No 1.6.4)	Each	6.00	72.37	434.21	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
78	E-9	Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixied on the exisiting plastic sheet /gang box, the pther end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. I. Point wiring using class A materials a) Short point upto 3Mtr from tapping point to out let via switch(PWD Electrical SR 2021-22 Chapter 2 PgNo 2.Item No 2.1.1)	Point	6.00	266.31	1597.87	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
79	E-10	Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixied on the exisiting plastic sheet /gang box, the pther end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. I. Point wiring using class A materials b) Medium point above 3Mtr upto 6Mtr from tapping pointr to out let via switch(PWD Electrical SR 2021-22 Chapter 2 PgNo 3.Item No 2.1.2)	Each	6.00	372.45	2234.71	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition

80	E-11	Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixied on the exisiting plastic sheet /gang box, the pther end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. I. Point wiring using class A materialsc)Long point above 6Mtr upto 10Mtr from tapping point to out let via switch (PWD Electrical SR 2021-22 Chapter 2 PgNo 3.Item No 2.1.3)	Each	6.00	547.10	3282.59	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
81	E-12	Supplying 6A flush/projected type socket and a 6 amps flush/ projected type SP switch either surface/flush mounting in a exisiting gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. b) 6Amps 3/5 way (PWD Electrical SR 2021-22 Chapter 2 PgNo 5.Item No 3.1.2)	Each	5.00	137.98	689.90	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
82	E-13	Wiring for lighting/power circuit using one of FLRS PVC insulated 1100v grade, multis and CopperWITH LOW conductor single core cable in open or consealed system of wiring.I Group A Materials.a) 1.5 sqmm (PWD Electrical SR 2021-22 Chapter 2 PgNo 3.Item No 2.3.2)	Mtr	220.00	25.09	5519.23	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
83	E-14	Wiring for lighting/power circuit using one of FLRS PVC insulated 1100v grade, multis and CopperWITH LOW conductor single core cable in open or consealed system of wiring.I Group A Materials.b)2.5Sqmm (PWD Electrical SR 2021-22 Chapter 2 PgNo 3.Item No 2.3.3)	Mtr	250.00	38.60	9649.00	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
84	E-15	Wiring for lighting/power circuit using one of FLRS PVC insulated 1100v grade, multis and CopperWITH LOW conductor single core cable in open or consealed system of wiring.I Group A Materials.c) 4 sqmm (PWD Electrical SR 2021-22 Chapter 2 PgNo 3.Item No 2.3.4)	Mtr	280.00	56.93	15940.15	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
85	E-16	Supplying 4mm thick plastic sheet with necessary niches for fixing switches, regulators etc., and fixing on exisiting wood or metal box using N.F.screws (PWD Electrical SR 2021-22 Chapter 2 PgNo 6.Item No 3.8)	Sq cm	1500.00	0.28	419.73	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition

86	E-17	Supplying and fixing retrofit type -PL-LED lamp...W LED linear Source with CCT 6500 degree K, CRI>70%efficacy>80 lumen per watt,life>25000 burning hours and compliance to IS 10322/IEC 60598,LM 79 and LM80.The LED are driven by HF electronicdriver integrated in the system, with PF>0.95, power loss Should <5% of lam Wattage.,short Circuit and open circuit Protection to be integrated Circuit, THD less than 20%,life as per LM79.the operating input voltage should be between130 t 275 volts.Tested by NABL/CPRI accredited laboratory with 2 years Warranty agnist any manufacturing defect working under standard electrical condition.18-20Watts (PWD Electrical SR 2021-22 Chapter 11 PgNo 34.Item No 11.2.2)	Each	35.00	666.75	23336.11	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
87	E-18	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low 3mg Mercury content & below 40% glass content than T8 lamp & 20% less phosphor coating than T8 with initial lumen on 1350 (for 3000-6500 deg Kelvin), rated Avg life (12 Hr. Cycle) of greater than 35000 burring hours. Operating voltage range from 180V to 265V, 50Hz AC power Supply(PWD Electrical SR 2021-22 Chapter 12 PgNo 40.Item No 12.18.1)	Each	15.00	127.37	1910.50	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
88	E-19	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with plank made out of not more than 2 pices and fixing the same to the wall using tapered inverted woode plug screws etc., a) 20"x20"2.5" (PWD Electrical SR 2021-22 Chapter 5 PgNo 10.Item No 5.6.6)	Each	6.00	303.94	1823.66	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
89	E-20	Supplying and fixing of Procelain fuse channel with cut out on exisiting wooden/panel using necessary nuts, bolts and washers etc., complete.a) 32Amps (PWD Electrical SR 2021-22 Chapter 5 PgNo 10.Item No 5.7.2)	Each	6.00	192.98	1157.88	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
90	E-21	Supply of an load charge over switches 4poles 415v 50Hz A.C supply with AC23A duty a) up to 63amps Groups A (PWD Electrical SR 2021-22 Chapter 5 PgNo 11.Item No 5.11.1)	Each	1.00	5003.01	5003.01	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition

91	E-22	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C type curve indicator ON/OFF Energy cross 3 with short circuit breaking capacity of 10K and complete wiring as required. e)6-32amps TPN . Group A (PWD Electrical SR 2021-22 Chapter 5 PgNo 13.Item No 5.17.9)	Each	6.00	2314.80	13888.77	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
92	E-23	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C type curve indicator ON/OFF Energy cross 3 with short circuit breaking capacity of 10K and complete wiring as required. 6-32amps TPN Group A (PWD Electrical SR 2021-22 Chapter 5 PgNo 13.Item No 5.17.7)	Each	6.00	1714.63	10287.76	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
93	E-24	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 A three phase 4 wire whole current class-1 Accuracy Energy Meter.(PWD Electrical SR 2021-22 Chapter 5 PgNo 13.Item No 5.35)	Each	2.00	4945.11	9890.23	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
94	E-25	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. the connection form the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12mm dia	Nos.	2.00	2893.74	5787.47	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
95	E-26	Supplying and running of GI/Copper strips for grounding connections using necessary fixing material as required GI strip 25x3mm	Mtr	30.00	72.37	2171.03	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
96	E-27	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanished, steel wire/steel tap armoured cable with PVC outer sheating 1.1 KV class.I. Class 'A' PVC Cable.d) 4 core 16 sqmm	Mtr	35.00	144.74	5065.73	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition

97	E-28	Labour charges for lying of 1.1 KV class UG cable when supplied agency in existing trench Gl pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct.a) 6 sqmm to 16 sqmm	Mtr	35.00	11.46	401.21	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
98	E-29	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete. .a) In soil (ordinary)	Mtr	25.00	73.33	1833.31	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
99	E-30	Supplying and fixing of class A (medium duty) Gl pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. a) 40mm	Mtr	4.00	323.24	1292.97	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
100	E-31	Supplying &fixing L.T.cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers ect.b) 16 Sqmm	Each	2.00	260.52	521.05	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
101	E-32	Supply wall mountaing fan suitable to operate of single phase -230v A.C supply 400mm sweep a.group A (PWD Electrical SR 2021-22 Chapter 6 PgNo 23.Item No 6.5.2)	Each	5.00	2738.39	13691.93	Yes	No	Under the savings of the Sanctioned Estimate	Yes	As per Site condition
					Total RS	**265889.84**					

Total Amount of Sanctioned Tender=	**3271503.00**	
Net Excess Amount of EIRL =	**265889.84**	
Total % excess to the Tendered Amount =	**8.13**	**%**

Assistant Engineer
Ward No-03

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division

Executive Engineer
Yelahanka Division